

FLEET REPORT

Nevada Highway Patrol
Lt. Bill Bainter

Overview

Monthly Shop Report for Reno:

During the month of February, the Reno Mechanics Shop completed six factory recall repairs on the 2003-2004 Ford Crown Victoria Police Interceptors. The recall campaign was for defective (cracked) wheel welds.

The Reno Mechanics Shop is in the process of building the new 2005 utility vehicles. Two Expeditions were completed during the month of February and the shop is anticipating the remaining utility vehicles completed by mid March. This includes two Ford Expeditions and three Dodge Durangos.

The 2005 Ford Crown Victoria Police Interceptors are scheduled for delivery on March 15, 2005. All of the Ford Crown Victoria's will be built with a new emergency equipment wiring harness that was developed by NHP. This harness is expected to save twelve hours per vehicle build and is a reusable piece of equipment. The harness includes a delay timer which will shut down all emergency equipment 90 minutes after the vehicle is turned off. It is anticipated that the timer will decrease dead battery occurrences and reduce mechanic call out time. In addition, the harness will establish Statewide wiring uniformity and reduce diagnostic time when fixing electrical problems. The cost of the harness is \$400.00 per vehicle. Reno Mechanics Todd Schacht and John Dodge developed the harness with Minstar.

During the month of February, the Northern Command experienced two transmission overdrive band failures on the 2004 Ford Crown Victoria Police Interceptors. Ford Fleet provided NHP with a TSB bulletin (TSB 04-16-3) that recommended the reprogramming of the transmissions computer to correct the overdrive problem. This repair also requires an upgraded fuel pump to provide adequate fuel during high RPM. The transmission overdrive repairs were covered under standard factory warranty. During the month of February, the Reno Maintenance Facility reported no Chevrolet Impala transmission failures.

Monthly Shop Report for Elko:

During the month of February, the Elko Mechanics Shop reported two 2004 Ford Crown Victoria Police Interceptor transmission failures. The transmissions were covered under factory warranty and the Ford Dealership installed the upgraded fuel pumps as recommended by the TSB bulletin. The Elko Shop is in the process of

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scheduling transmission repairs for all 2004 Ford Crown Victoria Police Interceptors. The Central Command reported one Chevrolet Impala transmission failure that was covered under extended factory warranty.

During the Month of February, the Elko mechanic shop reported five additional Chevrolet Impala repairs. Overall, the Chevy Impala has proven to be an unreliable and unacceptable police vehicle for the Nevada Highway Patrol. The following Impala repairs were completed by the Elko Mechanics Shop: The C/V joints were replaced on the drive axle of one Impala, a flywheel was replaced on one Impala, three Impalas had there catalytic converter replaced. All repairs were covered under factor warranty with a \$100.00 dollar deductible with the exception of two catalytic converter repairs. The two catalytic converter repairs cost \$325.00 each.

Monthly Shop Report for Las Vegas:

Due to staffing shortages, Trooper Ron Farrara (7457) was temporarily assigned to the Las Vegas Mechanics Shop and has assisted with repairs, builds and services. Trooper Farrara was tasked to remove camper shells and install tonneau covers on the commercial pickups. The Southern Command has only one tonneau cover left to install and all camper shells were excessed through State Purchasing. The Las Vegas Shop Supervisor reported that Trooper Farrara has done an excellent job assisting the Las Vegas mechanics.

During the month of February, the Las Vegas Shop received two Ford Expeditions and one Dodge Durango. The shop completed one vehicle build on a Ford Expedition and will complete the remaining builds by March 25th.

The Las Vegas Shop reported two 2004 Ford Crown Victoria Police Interceptor overdrive failures during the month of February. The transmission repairs were covered under factory warranty. However, the Ford Dealership failed to replace the fuel pumps (P/N 4W7Z-10346-AD) which resulted in a drastic drop in performance. Troopers reported a 10 mph drop in top speed. These vehicles are scheduled to have the upgraded fuel pump installed at the Ford Dealership by the end of March.

During the month of February, the Las Vegas Shop did not report any Chevrolet Impala transmission failures.

Monthly Shop Statistics

Overtime worked for February 2005:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
76 hours	12 hours	69 hours

Overtime Justification:

Reno: 26 hours Vacant Position Coverage
50 hours new vehicle builds

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Elko: 12 hours coverage

Las Vegas: 52.5 hours coverage for vacant position
8.5 hours for call out
8.0 hours for training

Repairs completed February 2005:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
36 PM Services 61 Repairs (6 outside repairs)	42 PM Services 60 Repairs (35 outside repairs)	43 PM Services 128 Repairs (5 outside repairs)
Totals: <u>97</u>	<u>102</u>	<u>171</u>

Total Statewide services and repairs: **370**

Note: PM stands for preventative maintenance services

Vehicle Registrations:

Procedures were established in which Terry Lukas registers vehicles when vehicle status reports are received in Fleet Headquarters. Status reports are completed at the NHP shops and forwarded to Headquarters for processing. All NHP vehicle registrations are current.

F/Y 2005 Fleet Vehicle Orders:

F/Y 2005	Ford Crowns	Expeditions	Durango's
Las Vegas	<u>24</u>	<u>3</u>	<u>1</u>
Reno	<u>13</u>	<u>2</u>	<u>1</u>
Elko	<u>16</u>	<u>3</u>	<u>2</u>
Total	<u>53</u>	<u>8</u>	<u>4</u>
Estimated Delivery Date:	2/15/2005	1/13/2005	2/10/2005

Fleet will order three new Ford Crown Victoria Police Interceptors from the crash fund when funds are released March 23, 2005.

The Durango's, Ford Expeditions and the Ford Crown Victoria Police Interceptors have been crash tested by NHTSA and all the vehicles that the Nevada Highway Patrol purchased have received a **Five Star** Crash Rating*.

*source <http://nhtsa.dot.gov>

*http://automotivedigest.com

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Current Fleet Test Programs

Delco-Delphi Batteries	17 units	Las Vegas
Michelin Tires	25 units	Las Vegas
Michelin Tires Commercial Enforcement	18 units	Las Vegas
Whelen CenCom Siren Controller	3 units	Reno
	2 units	Elko
	5 units	Las Vegas
Infineum Test Oil	16 units	Elko
	7 units	Reno
	17 units	Las Vegas
Code Three LED Overhead Light Bars	6 units	Elko
	6 units	Reno
	3 units	Las Vegas
DVD Digital In-Car Video System	1 unit	Reno
Dodge Durango	1 unit	Reno
	2 units	Elko
	1 unit	Las Vegas
Rollgard Suspension System	2 units	(Pending)
Spider Spikes Traction Device	1 unit	Reno (complete)

All parts, oil and equipment testing is furnished at no cost to the Division for Infineum Oil testing. Initial field test reports on the LED overhead light bars have rated the equipment as exceptional. The DVD digital in-car video reports have been rated excellent.

The Durango test program has had very favorable results at the present time. Whelen CenCom Siren Controllers reports very favorable results.

Windshield Damage Report:

	<u>Unit</u>	<u>Amount</u>
F/Y 2005 (February 2005)		
Southern Command	1	open
Northern Command	3	open
Central Command	6	open
Total	<u>10</u>	<u>pending</u>

Accident Damage Report:

	<u>Units Damaged</u>
F/Y 2005 (February 2005)	
Southern Command	7 (0 trooper fault)
Northern Command	3 (1 trooper fault)
Central Command	2 (1 trooper fault)
Total	<u>12</u>

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February Crash Fund Balance: \$ 105,901.00 (funds available March23)

Auction Proceeds from October 16, 2004: \$ 94,760.00
(Reimbursement to the Highway Fund from Auction Proceeds)

Fuel Data Charts for NDOT, Western Energetix, Chevron, Union and Texaco:

N-DOT Monthly Fuel Data

4713-04
NDOT GAS

DATE	MONTH OF BILL	BILLING CLAIM #	AMOUNT	GALLONS OF GAS	AVERAGE COST PER GALLON
7/31/04	July		\$ 84,085.64	44903.9	\$ 1.84
8/31/04	August		\$ 85,682.99	46656.8	\$ 1.84
9/30/04	Sept.		\$ 87,677.00	48245.8	\$ 1.82
10/30/04	Oct		\$ 80,199.50	41843.8	\$ 1.92
11/30/04	Nov		\$ 96,537.18	49295.6	\$ 1.96
12/31/04	Dec		\$ 84,994.16	47716.6	\$ 1.78
1/31/05	Jan		\$102,280.63	59150.4	\$ 1.73
1/28/05	Feb		\$81,323.30	43933.4	\$ 1.86
	Mar				
	April				
	May				
	June				
	July				
Total			\$ 702,780.40	381,746.3	\$1.84

Western Energetix Monthly Fuel Data:

DATE	WESTERN ENERGETIX	GAL	DATE	GAL	CHEVRON
7/31/04	\$ 5,370.85	\$1.77	7/31/04	\$1.89	\$ 2,774.00
8/31/04	\$ 5,060.56	\$1.81	8/31/04	\$2.59	\$ 1,565.85
9/30/04	\$ 5,588.11	\$1.86	9/30/04	\$2.80	\$ 2,384.58
10/30/04	\$ 4,044.93	\$1.96	10/30/04	\$2.80	\$ 1,726.14
11/30/04	\$ 1,918.27	\$2.01	11/30/04	\$2.79	\$ 2,928.31
12/31/04	\$ 3,783.87	\$1.90	12/31/04	\$2.39	\$ 1,204.17
01/31/05	\$ 4,841.95	\$1.89	01/31/05	\$2.35	\$ 569.75
02/28/05	\$ 3,660.62	\$1.89	02/28/05	\$2.35	\$1,753.73
TOTAL	\$ 34,269.16	\$1.91	TOTAL	\$2.50	\$ 13,702.36

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Conoco/76 Monthly Fuel Data:

FUEL REPORTS				
Conoco/76				
10/30/04	\$ 26.88			
TOTAL	\$ 26.88		TOTAL	

Fuel Totals:

N-DOT	\$ 702,780.40
Western Energetix	34,269.16
Conoco/76	26.88
Chevron	\$ 13,702.36
	<hr/>
	\$ 750,778.80-

Fuel Budgeted for FY05	\$ 789,977.00
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For fiscal year 2005, NHP was budgeted **\$789,977** for fuel at **\$1.21** per Gallon.

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FLEET INVENTORY

Northern Command by Department

DEPARTMENT

Traffic			94	
COMMERCIAL			19	
ADAPT			3	
ACADEMY			11	
UNASSIGNED			16	
CVSI			3	
LOANER			0	
RADIO SHOP			2	
RECONSTRUCTION			1	
SHOP TRUCK			2	
SPARE			10	
ADMINISTRATIVE			0	
STORE KEEPER			1	
STRIP FOR TURN IN			1	
GOV DETAIL			4	
TAXI			6	
MOTORHOME			2	
MOTORS			7	
MCSAP			4	
TRAILERS			9	
OUT OF SERVICE			0	
PLANE			1	
New Vehicles in Build Process			2	

FLEET INVENTORY

CENTRAL COMMAND

DEPARTMENT

NUMBER VEHICLES

Traffic	69		
COMMERCIAL	13		
UNASSIGNED	2		
ADAPT	0		
CVSI	2		
LOANERS	0		
RADIO SHOP	1		
RECONSTRUCTION TRUCK	1		
SHOP TRUCK	1		
SPARE	5		
ADMINISTRATIVE EVIDENCE	1		
STRIP FOR TURN IN	2		
TAXI	3		
TRAILERS	11		
MOTORHOME	1		
New Vehicles in Build Process	5		

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FLEET INVENTORY				
Southern Command by Department				
DEPARTMENT	NUMBER VEHICLES			
TRAFFIC			117	
COMMERICAL			20	
UNASSIGNED			10	
CVSI			4	
LOANER			11	
RADIO SHOP			3	
RECONSTRUCTION			1	
SHOP TRUCK			1	
SPARE			0	
ADMINISTRATIVE Evidence			1	
STORE KEEPER			1	
STRIP FOR TURN IN			1	
GOV DETAIL			1	
TAXI			5	
MOTORHOME			2	
MOTORS			7	
MCSAP			1	
TRAILERS			10	
New Vehicles in Build Process			5	

